Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 08 Mar 2021 until 23:59 on Tuesday 09 Mar 2021

Forecast Issued on Monday 08 Mar 2021 at 01:09

Confidence: High for general themes. Lower confidence for low cloud details on Monday and Tuesday.

Headline for Monday 08 Mar 2021: Low cloud, poor visibility and patchy rain. Cold on the tops.

Mountain weather hazards on Monday 08 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Fog	Fog	Drizzle	Light rain
Precipitation probability					
60%	60%	60%	40%	30%	30%

Forecast for Monday 08 Mar 2021

Weather: A cloudy day with outbreaks of rain but some drier spells through the afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 10%.

Visibility: Very poor at height with low cloud becoming extensive by morning. Cloud bases mainly 300 or 400m but lifting onto higher slopes at times through the afternoon and evening, especially in the east. Generally hazy below the cloud base.

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Mountain Weather Forecast

Forecast for Monday 08 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 SW	16/23 SW	20/28 W	19/26 W	18/26 W	17/24 W	13/19 W
300	8/21 SW	10/21 SW	13/26 W	12/24 W	11/23 W	10/21 W	7/16 W
Valley	3/12 SW	7/17 SW	9/21 W	9/19 W	7/17 W	7/16 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	2/-3	3/-3	3/-3	3/-3	2/-3	2/-2
300	3/-1	4/0	4/0	5/1	4/0	4/0	4/1
Valley	4/2	5/3	6/3	6/3	5/3	5/3	5/4
Freezing Level*	1000m	1100m	1100m	1100m	1000m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day on the tops, especially when in the low cloud and rain.
Nb:- Unusually severe weather forecast on Wednesday and Thursday.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 08 Mar 2021	0mm	0mm	0.2mm

Forecast for Tuesday 09 Mar 2021

Weather: Mainly cloudy with light rain or drizzle which will be on and off through the day. Some brightness coming through in the afternoon. Winds strengthening in the evening ahead of persistent and heavier rain arriving from the west by midnight.

Maximum wind: Southwest 10-15mph, increasing to 30mph gusts 45mph in the evening.

Chance of cloud free mountain/hill tops above 600m: 10% in morning, becoming 60% in afternoon as cloud bases rise.

Visibility: Extensive cloud above 200 or 300m overnight and morning. Cloud lifting to 500 or 600m in the afternoon and breaking up a little. Rather hazy below the cloud base.

Temperature: **Valleys:** Plus 4C rising to 8 or 9C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.

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